FIG. 1

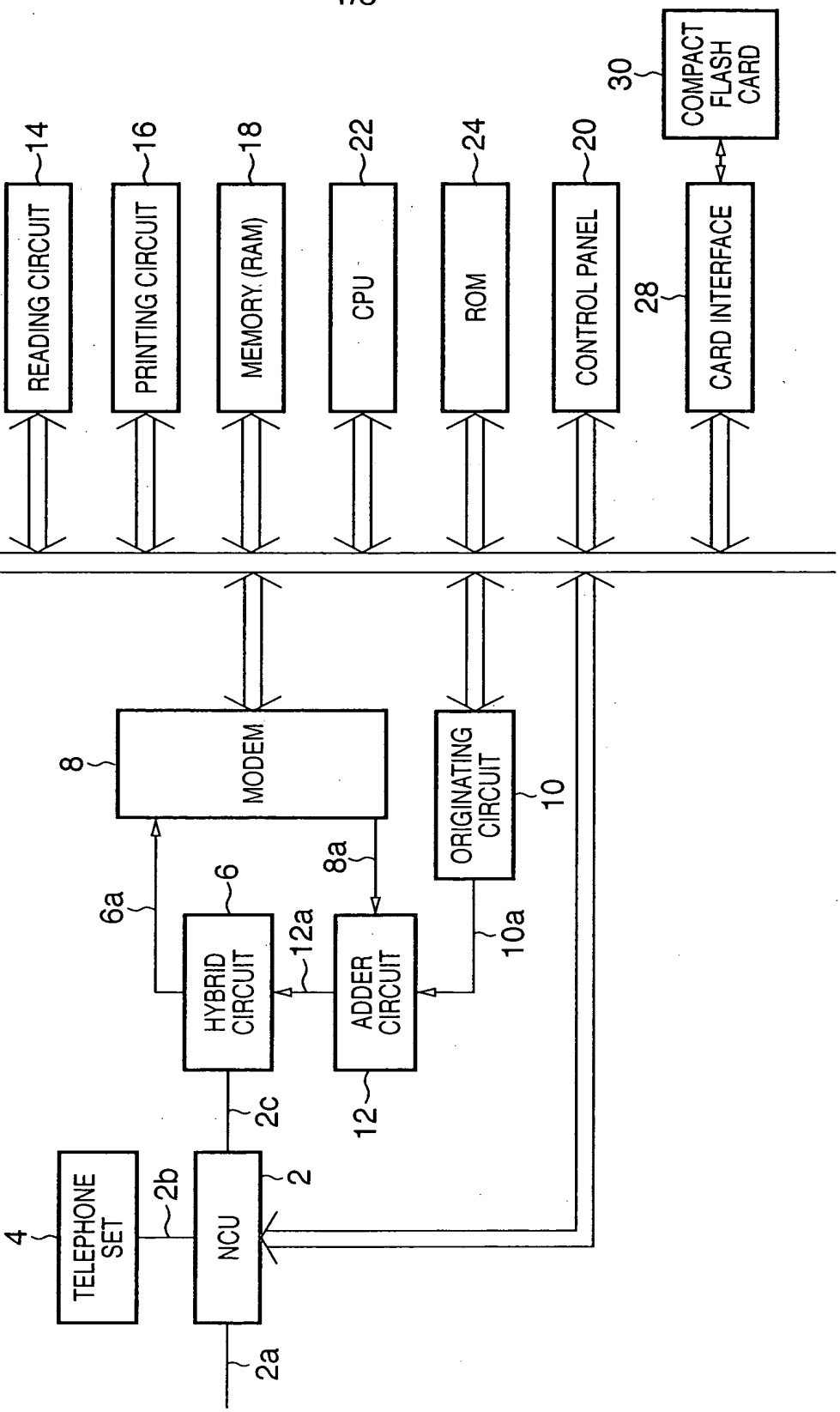

READING CIRCUIT
14
PRINTING CIRCUIT
16
MEMORY (RAM)
18
CPU
22
ROM
24
CONTROL PANEL
20
COMPACT FLASH CARD
30
CARD INTERFACE
28
26
MODEM
8
ORIGINATING CIRCUIT
10
6a
6
8a
HYBRID CIRCUIT
12a
ADDER CIRCUIT
10a
12
2c
TELEPHONE SET
4
2b
NCU
2
2a

FIG. 2

FIF	DIS/DTC SIGNAL	DCS SIGNAL
BIT 68	INDICATES WHETHER OR NOT FUNCTION FOR RECEIVING JPEG-ENCODED INFORMATION IN Lab COLOR SPACE IS AVAILABLE	SPECIFIES TRANSMISSION OF JPEG-ENCODED INFORMATION IN Lab COLOR SPACE
BIT 69	INDICATES WHETHER OR NOT FUNCTION FOR RECEIVING FULL-COLOR INFORMATION IN Lab COLOR SPACE IS AVAILABLE	SPECIFIES TRANSMISSION OF FULL-COLOR INFORMATION IN Lab COLOR SPACE
BIT X	INDICATES WHETHER OR NOT FUNCTION FOR RECEIVING JPEG-ENCODED INFORMATION IN sYCC COLOR SPACE IS AVAILABLE	SPECIFIES TRANSMISSION OF JPEG-ENCODED INFORMATION IN sYCC COLOR SPACE

FIG. 3

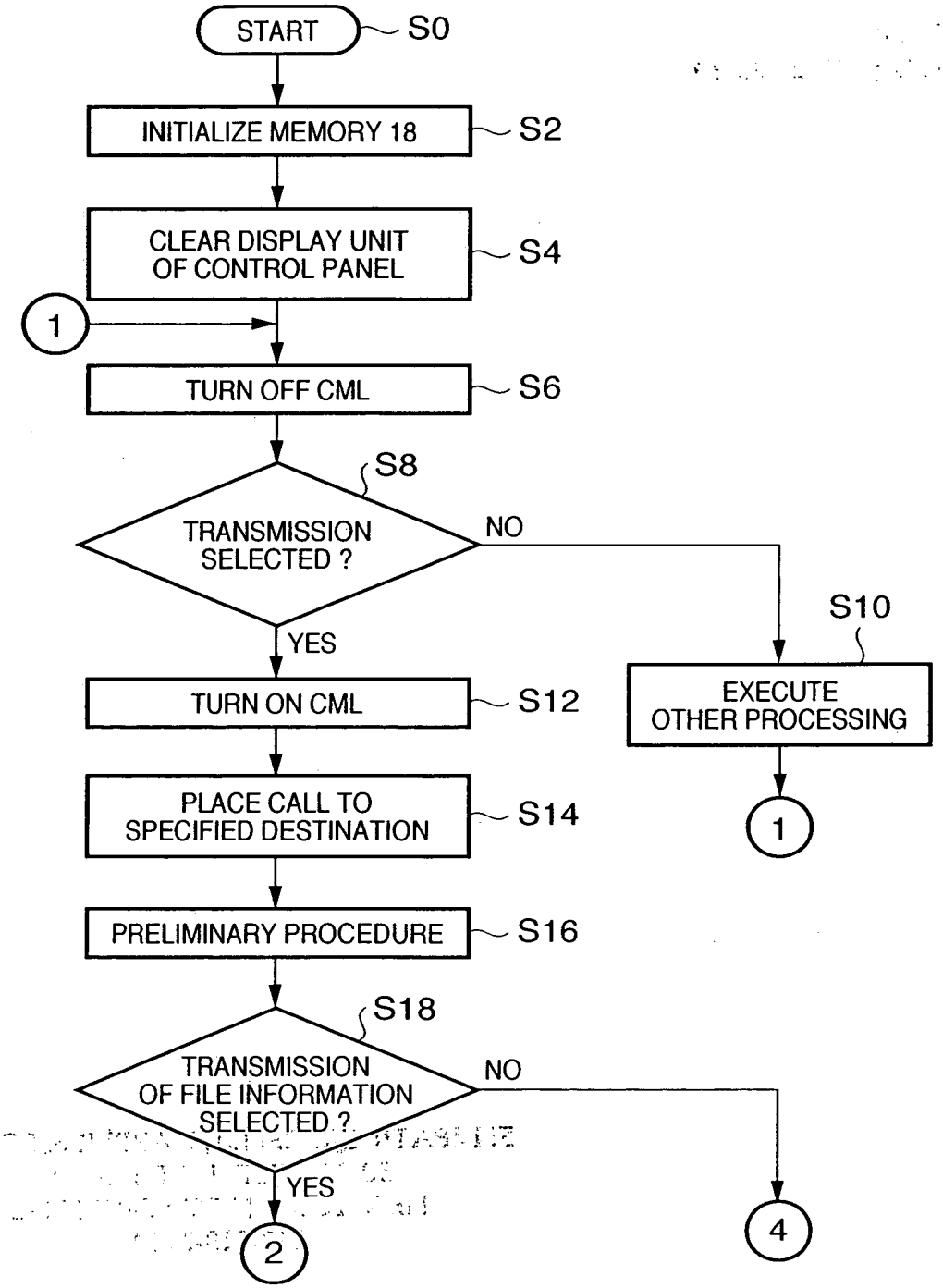

START
S0
INITIALIZE MEMORY 18
S2
CLEAR DISPLAY UNIT OF CONTROL PANEL
S4
1
TURN OFF CML
S6
S8
TRANSMISSION SELECTED ?
NO
YES
S10
EXECUTE OTHER PROCESSING
1
TURN ON CML
S12
PLACE CALL TO SPECIFIED DESTINATION
S14
PRELIMINARY PROCEDURE
S16
S18
TRANSMISSION OF FILE INFORMATION SELECTED ?
NO
YES
2
4

FIG. 4

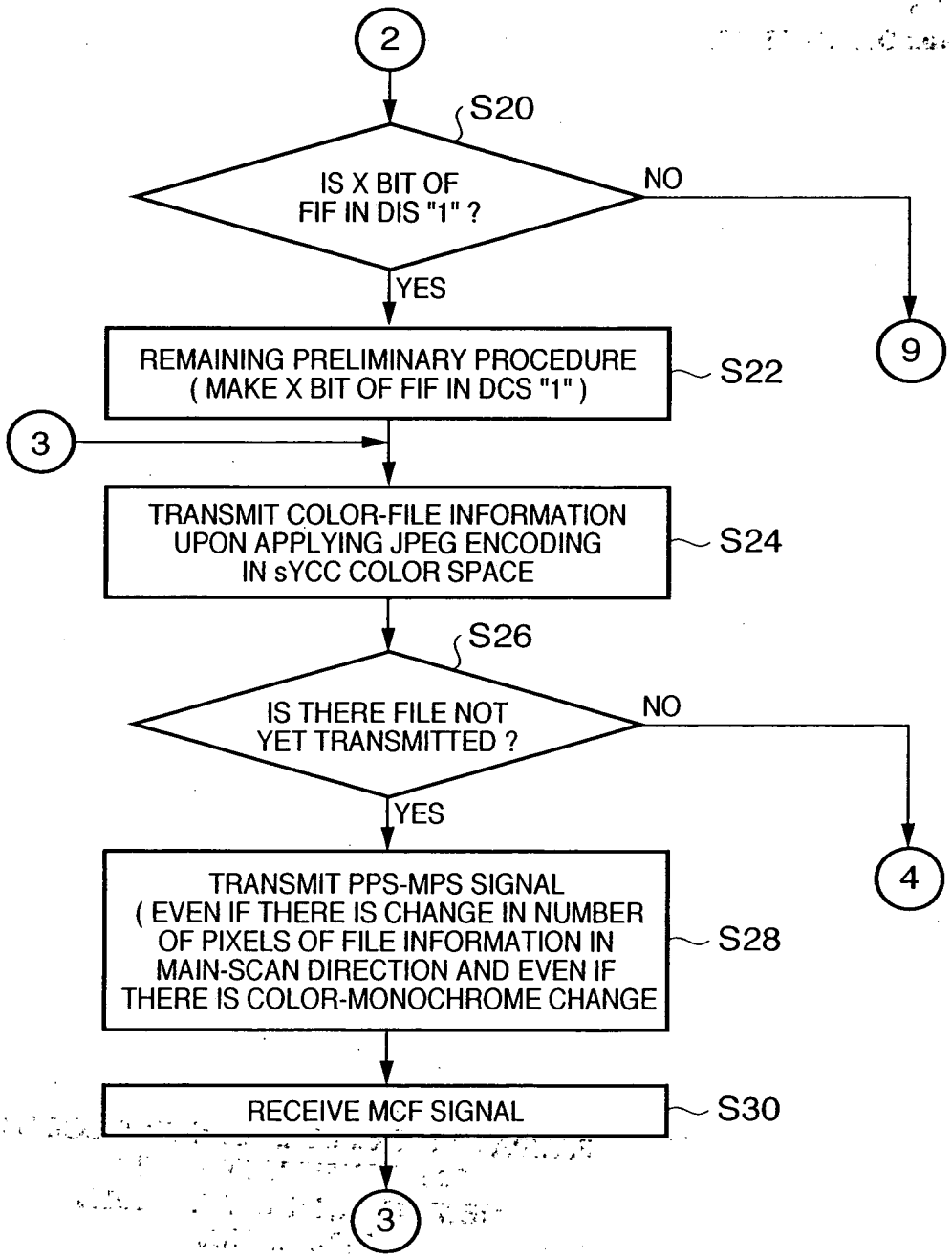

2
S20
IS X BIT OF FIF IN DIS "1" ?
NO
YES
9
REMAINING PRELIMINARY PROCEDURE (MAKE X BIT OF FIF IN DCS "1")
S22
3
TRANSMIT COLOR-FILE INFORMATION UPON APPLYING JPEG ENCODING IN sYCC COLOR SPACE
S24
S26
IS THERE FILE NOT YET TRANSMITTED ?
NO
YES
4
TRANSMIT PPS-MPS SIGNAL (EVEN IF THERE IS CHANGE IN NUMBER OF PIXELS OF FILE INFORMATION IN MAIN-SCAN DIRECTION AND EVEN IF THERE IS COLOR-MONOCHROME CHANGE
S28
RECEIVE MCF SIGNAL
S30
3

FIG. 5

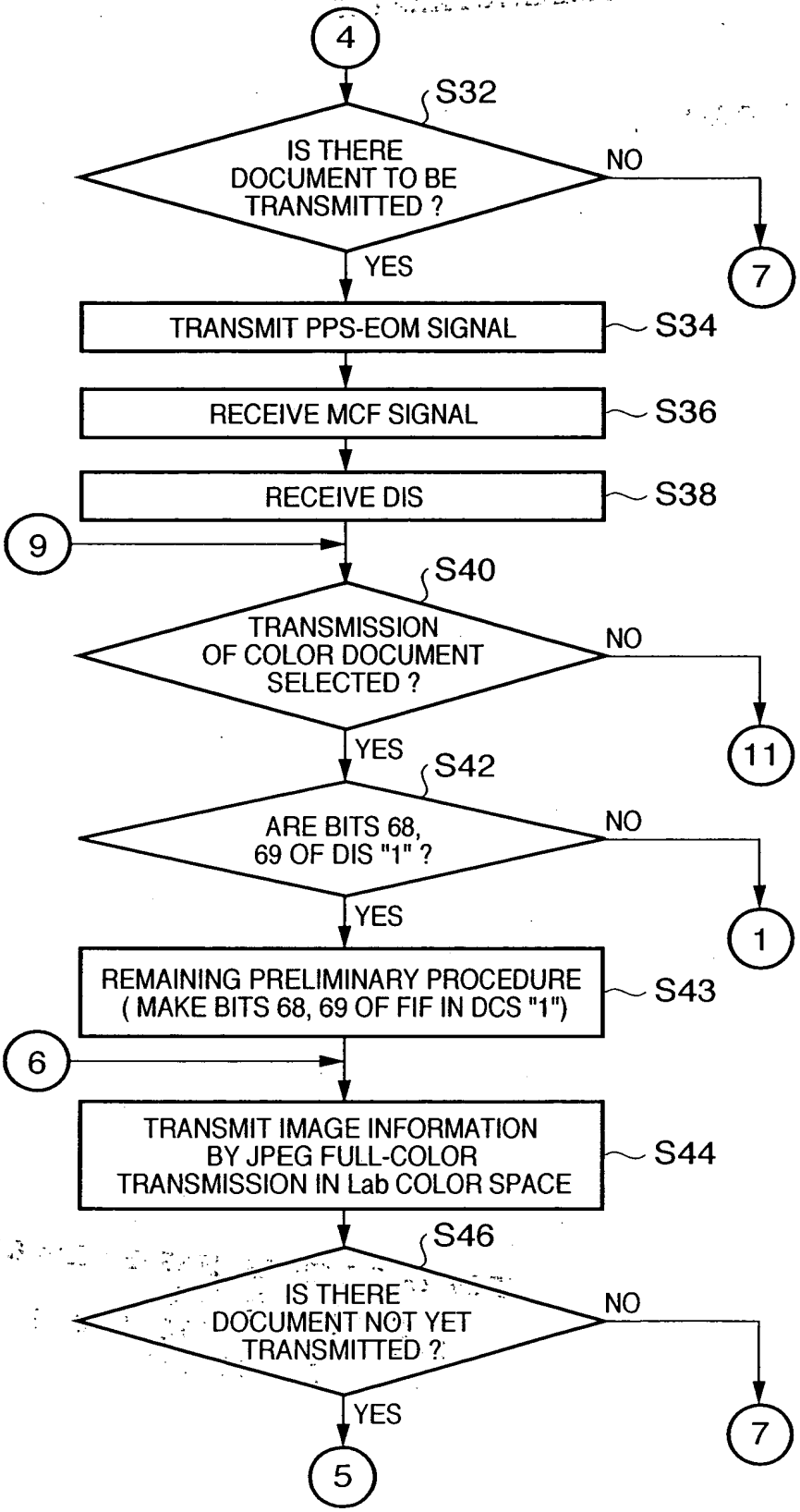

4
S32
IS THERE DOCUMENT TO BE TRANSMITTED ?
NO
YES
7
TRANSMIT PPS-EOM SIGNAL
S34
RECEIVE MCF SIGNAL
S36
RECEIVE DIS
S38
9
S40
TRANSMISSION OF COLOR DOCUMENT SELECTED ?
NO
YES
11
S42
ARE BITS 68, 69 OF DIS "1" ?
NO
YES
1
REMAINING PRELIMINARY PROCEDURE (MAKE BITS 68, 69 OF FIF IN DCS "1")
S43
6
TRANSMIT IMAGE INFORMATION BY JPEG FULL-COLOR TRANSMISSION IN Lab COLOR SPACE
S44
S46
IS THERE DOCUMENT NOT YET TRANSMITTED ?
NO
YES
7
5

FIG. 6A

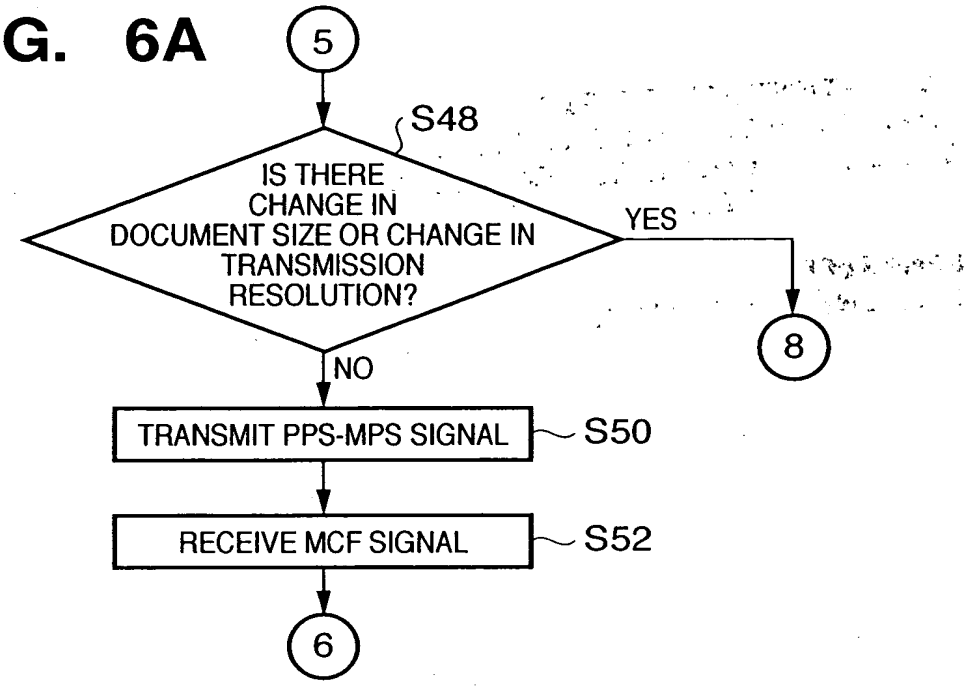

5
S48
IS THERE CHANGE IN DOCUMENT SIZE OR CHANGE IN TRANSMISSION RESOLUTION?
YES
8
NO
TRANSMIT PPS-MPS SIGNAL
S50
RECEIVE MCF SIGNAL
S52
6

FIG. 6B

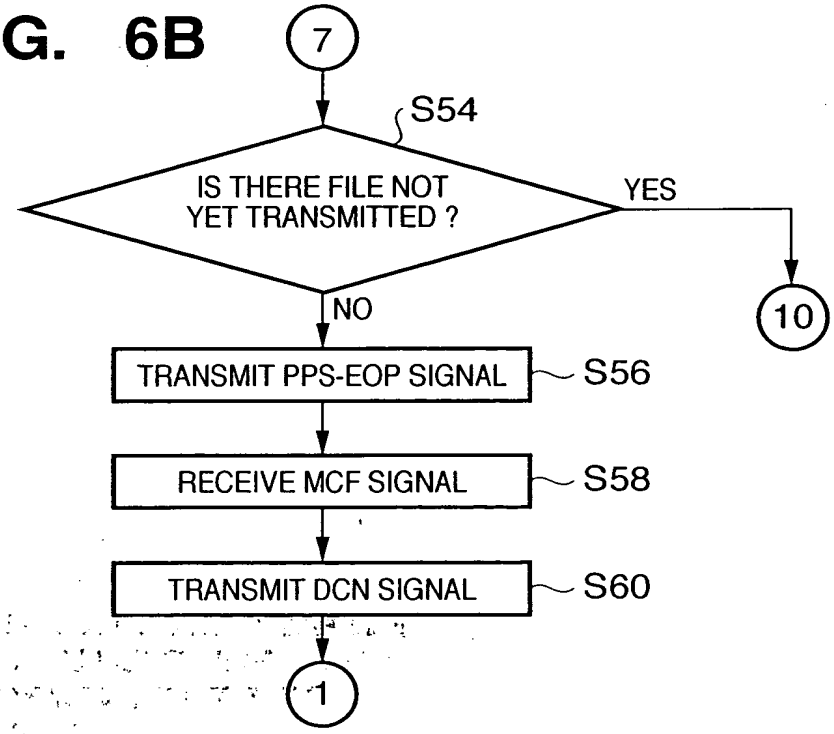

7
S54
IS THERE FILE NOT YET TRANSMITTED ?
YES
10
NO
TRANSMIT PPS-EOP SIGNAL
S56
RECEIVE MCF SIGNAL
S58
TRANSMIT DCN SIGNAL
S60
1

FIG. 7A

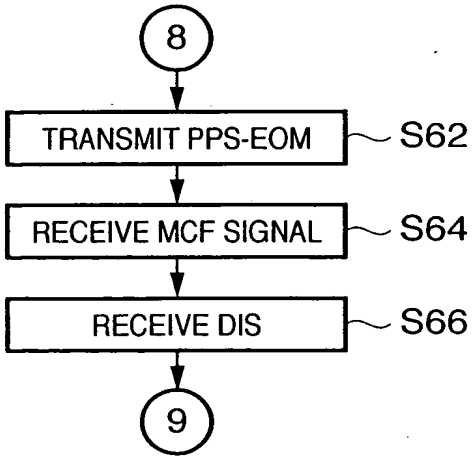


FIG. 7B

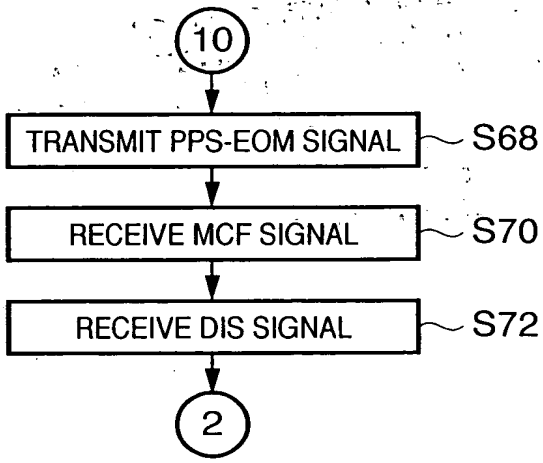


FIG. 7C

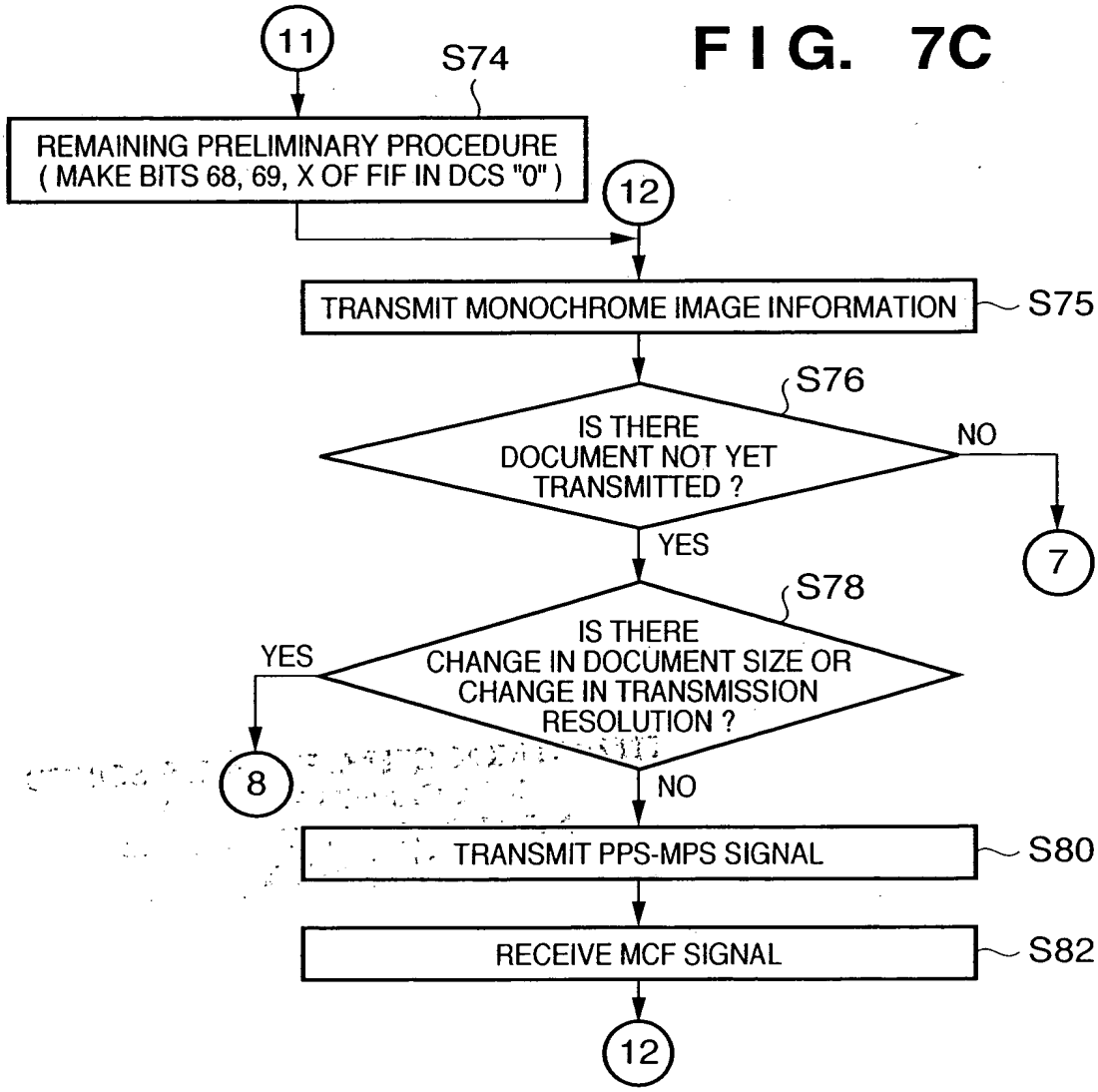
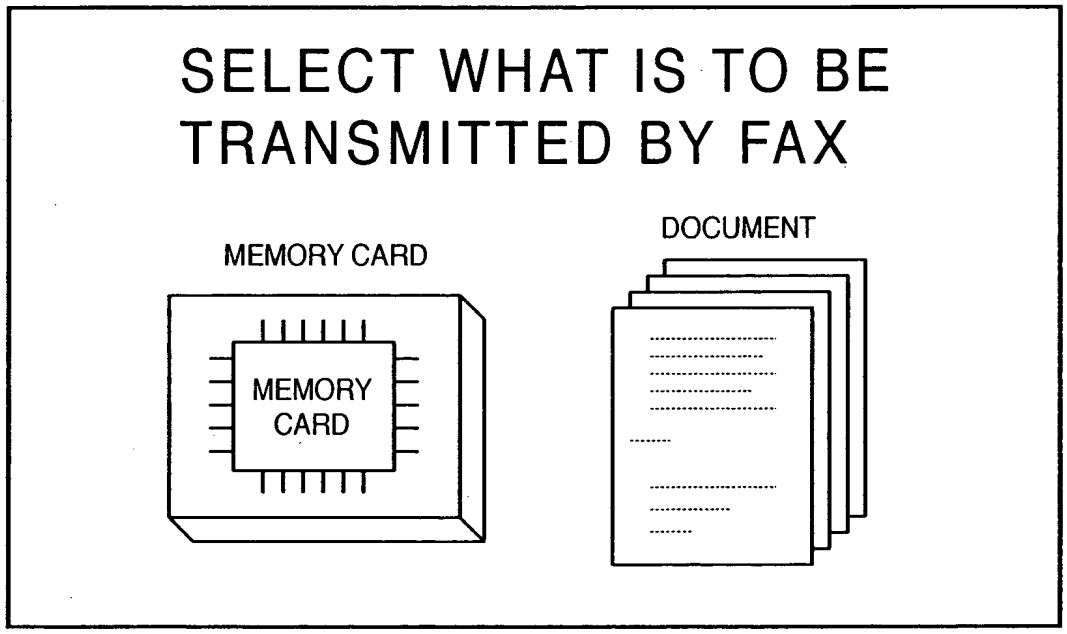


FIG. 8


SELECT WHAT IS TO BE TRANSMITTED BY FAX
MEMORY CARD
MEMORY CARD
DOCUMENT